

Title (en)

1-AMINOSULFONYL-2-CARBOXYPYRROLE DERIVATIVES AS METALLO-BETA-LACTAMASE INHIBITORS

Title (de)

1-AMINOSULFONYL-2-CARBOXYPYRROLDERIVATE ALS INHIBITOREN DER METALLO-BETA-LACTAMASE

Title (fr)

DÉRIVÉS DE 1-AMINOSULFONYL-2-CARBOXYPYRROLE UTILISÉS EN TANT QU'INHIBITEURS DE MÉTALLO-BÊTA-LACTAMASE

Publication

EP 4061800 A1 20220928 (EN)

Application

EP 20812414 A 20201119

Priority

- GB 201916915 A 20191120
- GB 2020052961 W 20201119

Abstract (en)

[origin: WO2021099793A1] This invention relates to compounds of formula (I) and methods of treatment using the compounds. The compounds of the invention can be used in combination with antibacterial agents to treat bacterial infections. More specifically, the compounds of formula (I) can be used in combination with a class of antibacterial agents known as carbapenems. The novel compounds of the present invention are enzyme inhibitors and more particularly are metallo- β -lactamase inhibitors. (I)

IPC 8 full level

C07D 207/48 (2006.01); **A61K 31/40** (2006.01); **A61P 31/04** (2006.01); **C07D 401/04** (2006.01); **C07D 403/12** (2006.01)

CPC (source: EP IL KR US)

A61K 31/40 (2013.01 - KR US); **A61K 31/4025** (2013.01 - KR US); **A61K 31/403** (2013.01 - US); **A61K 31/407** (2013.01 - KR US); **A61K 31/4162** (2013.01 - US); **A61K 31/4178** (2013.01 - US); **A61K 31/427** (2013.01 - US); **A61K 31/431** (2013.01 - US); **A61K 31/438** (2013.01 - US); **A61K 31/4439** (2013.01 - KR US); **A61K 31/454** (2013.01 - KR US); **A61K 31/496** (2013.01 - KR US); **A61K 31/506** (2013.01 - KR); **A61K 31/5377** (2013.01 - KR US); **A61K 31/541** (2013.01 - US); **A61K 45/06** (2013.01 - KR); **A61P 31/04** (2017.12 - EP IL KR US); **C07D 207/48** (2013.01 - EP IL KR US); **C07D 401/04** (2013.01 - EP IL KR US); **C07D 401/06** (2013.01 - US); **C07D 401/10** (2013.01 - KR); **C07D 401/12** (2013.01 - KR US); **C07D 401/14** (2013.01 - KR US); **C07D 403/04** (2013.01 - KR US); **C07D 403/10** (2013.01 - KR); **C07D 403/12** (2013.01 - EP IL US); **C07D 403/14** (2013.01 - KR); **C07D 417/04** (2013.01 - KR); **C07D 471/08** (2013.01 - US); **C07D 487/10** (2013.01 - KR US); **Y02A 50/30** (2017.12 - EP)

Citation (search report)

See references of WO 2021099793A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2021099793 A1 20210527; AU 2020385668 A1 20220526; BR 112022008938 A2 20220802; CA 3156194 A1 20210527; CN 114728902 A 20220708; EP 4061800 A1 20220928; GB 201916915 D0 20200101; IL 293015 A 20220701; JP 2023502415 A 20230124; KR 20220103978 A 20220725; MX 2022006109 A 20220614; US 2023018460 A1 20230119

DOCDB simple family (application)

GB 2020052961 W 20201119; AU 2020385668 A 20201119; BR 112022008938 A 20201119; CA 3156194 A 20201119; CN 202080080912 A 20201119; EP 20812414 A 20201119; GB 201916915 A 20191120; IL 29301522 A 20220515; JP 2022529304 A 20201119; KR 20227019182 A 20201119; MX 2022006109 A 20201119; US 202017778261 A 20201119